

10 NOV 1949

Mountain Ash

Urban District Council

Annual Report

of the
Medical Officer of Health

1948

MOUNTAIN ASH URBAN DISTRICT COUNCIL

ANNUAL REPORT

of the Medical Officer
of Health

FOR THE YEAR ENDED
THIRTY - FIRST DECEMBER
ONE THOUSAND NINE
HUNDRED AND FORTY-EIGHT

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Medical Officer of Health's Annual Report

PUBLIC HEALTH OFFICES,
OXFORD STREET,
MOUNTAIN ASH,
September 5th, 1949.

*To the Chairman and Members of the Mountain Ash
Urban District Council.*

LADIES AND GENTLEMEN,

I have the honour to submit for your consideration my Annual Report on the Public Health and Sanitary condition of the District, and of the work carried out by your Officers of the Public Health Department, including the Tables of Vital Statistics for the year ended 31st December, 1948.

The Report is curtailed in accordance with the circulars issued by the Welsh Board of Health.

GENERAL STATISTICS.

Area of the District (in acres) ...	...	...	10,504
Population ...	...	...	31,900
Number of inhabited houses (end of 1948)			
according to the Rate Books ...	...	...	8,120
Rateable Value ...	...	...	£103,023
Sum represented by a Penny Rate ...	...	...	£373

EXTRACT FROM THE VITAL STATISTICS FOR THE YEAR.

			<i>Total.</i>	<i>Male.</i>	<i>Female</i>
Live Births : Legitimate	...	...	629	351	278
„ Illegitimate	...	...	27	13	14
Birth-rate per 1,000 of the resident Population	...	...	20.6		
Still-births : Legitimate	...	...	22	14	8
„ Illegitimate	...	...	4	3	1
Rate per 1,000 (live and still) births	...	...	38.1		
Death-rate per 1,000 estimated average Population	...	...	13.4		
Deaths	...	...	426		

Deaths from Puerperal Causes (Headings 29 and 30
of the Registrar General's Short List) :—

			<i>Rate per 1,000 Total</i> <i>Deaths. (live & still) births</i>
No. 29—Puerperal Sepsis	...	3	4.3
No. 30—Other Maternal Causes	...	Nil	Nil
Total	...	3	4.3

BIRTHS.

The number of births registered in the district during the year was 656. The number of males was 364, and of females 292. This gives a birth-rate of 20.6 per 1,000 inhabitants on a population of 31,900 (Registrar General).

The birth-rate for the year is 2.7 per 1,000 higher than the rate for England and Wales. 0.6 higher than the rate for the County Boroughs and Great Towns, and 1.4 higher than the rate for towns ranging 25,000 to 50,000 inhabitants (Mountain Ash is placed in this group) at the census taken 1931.

The number of illegitimate children registered was 27. This is equivalent to an illegitimate rate of 41.1 per 1,000 births registered.

INFANT MORTALITY.

The number of deaths of infants under one year of age registered in the district during the year 1948 was 30, of



INFANT MORTALITY.—Net Deaths from stated causes at various ages under 1 year of age.

<i>Cause of Death</i>	<i>Under 1 week</i>	<i>1-2 weeks</i>	<i>2-3 weeks</i>	<i>3-4 weeks</i>	<i>Total under 4 weeks</i>	<i>1-3 4 weeks and under 3 months</i>	<i>3-6 3 months and under 6 months</i>	<i>6-9 6 months and under 9 months</i>	<i>9-12 9 months and under 12 months</i>	<i>Total Deaths under 1 year</i>
1	2	3	4	5	6	7	8	9	10	11
Measles	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ..	—	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Meningitis	—	—	—	—	—	—	—	—	—	—
Whooping Cough ...	—	—	—	—	—	—	—	—	—	—
Diphtheria ...	—	—	—	—	—	—	—	—	—	—
Abdominal Tuberculosis	—	—	—	—	—	—	—	—	—	—
Other T.B. Diseases	—	—	—	—	—	—	1	—	—	1
Convulsions ...	—	—	—	1	1	—	1	—	—	2
Influenza ...	—	—	—	—	—	—	—	—	—	—
Bronchitis ...	—	—	—	—	—	1	—	1	—	2
Pneumonia all forms	—	2	1	—	3	1	3	—	1	8
Diarrhoea ...	—	—	—	—	—	1	1	—	—	2
Enteritis ...	—	—	—	—	—	—	—	—	—	—
Gastritis ...	—	—	—	—	—	—	—	—	—	—
Syphilis ...	—	—	—	—	—	—	—	—	—	—
Rickets ...	—	—	—	—	—	—	—	—	—	—
Suffocation, Accidental	—	—	—	—	—	—	—	—	—	—
Injury at Birth	—	—	—	—	—	—	—	—	—	—
Atelectasis ...	1	—	—	—	1	—	—	—	—	1
Congenital Malformations	1	—	—	—	1	—	1	—	—	2
Premature Birth ...	6	—	—	—	6	—	—	—	—	6
Atrophy, Debility and Marasmus	—	1	—	—	1	—	—	—	—	1
Other Causes	5	—	—	—	5	—	—	—	—	5
GRAND TOTAL ...	13	3	1	1	18	3	7	1	1	30



DEATHS Registered during the Calendar Year 1948, classified by age and causes.

Name of District—MOUNTAIN ASH.

ANALYSIS OF NETT DEATHS ACCORDING TO AGE.

Cause of Death	Nett Deaths at the subjoined Ages of Residents whether occurring within or without the District												
	Under One year	1 and under 2 years	2 and under 3 years	3 and under 4 years	4 and under 5 years	5 and under 10 years	10 and under 15 years	15 and under 20 years	20 and under 35 years	35 and under 45 years	45 and under 65 years	65 and upwards	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Typhoid and Para Typhoid Fevers ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis of Respiratory System ...	1	—	—	—	—	—	—	3	10	4	2	—	20
Other Forms of Tuberculosis ...	—	1	—	—	—	1	—	—	—	—	—	—	2
Syphilitic Diseases ...	—	—	—	—	—	—	—	—	—	1	—	—	1
Influenza ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles ...	—	—	—	—	—	1	—	—	—	—	—	—	1
Acute polio-myelitis and polio-encephalitis ...	—	—	1	—	—	—	—	—	—	—	—	—	1
Acute Infectious Encephalitis ...	—	—	—	—	—	—	—	—	—	1	—	—	1
Cancer ...	—	—	—	—	—	—	—	—	—	4	21	33	58
Diabetes ...	—	—	—	—	—	—	—	—	—	—	2	1	3
Intra-cranial Vascular Lesions ...	—	—	—	—	—	—	—	—	1	3	11	39	54
Heart Disease ...	—	—	—	—	—	—	—	1	4	4	19	74	102
Other Diseases of the Circulatory System ...	—	—	—	—	—	—	—	—	—	—	1	11	12
Bronchitis ...	2	—	—	—	—	—	—	—	—	1	9	23	35
Pneumonia ...	8	1	—	—	—	—	—	—	—	—	1	3	13
Other Respiratory Diseases ...	—	—	—	—	—	—	—	—	—	1	8	7	16
Ulcer of Stomach or Duodenum ...	—	—	—	—	—	—	—	—	—	—	—	1	1
Diarrhoea (under 2 years of age) ...	2	—	—	—	—	—	—	—	—	—	—	—	2
Appendicitis ...	—	—	—	—	—	—	1	—	—	1	2	—	4
Other Digestive Diseases ...	—	—	—	—	—	—	—	—	1	—	4	2	7
Nephritis ...	—	—	—	—	—	—	1	—	1	1	1	5	9
Puerperal and Post-abortion Sepsis ...	—	—	—	—	—	—	—	—	3	—	—	—	3
Other Maternal Causes ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Premature Birth ...	6	—	—	—	—	—	—	—	—	—	—	—	6
Congenital Malformations, Birth Injury, Infantile Disease ...	11	—	—	—	—	—	—	—	—	—	—	—	11
Suicide ...	—	—	—	—	—	—	—	—	—	—	2	—	2
Violent Deaths ...	—	—	—	—	1	1	—	—	2	5	4	—	17
All other causes ...	—	—	—	—	1	1	1	—	2	1	8	31	45
GRAND TOTAL ...	30	2	1	—	2	4	3	4	24	27	95	234	426

these, 12 were males and 18 females. This gives an infantile death-rate of 46 per 1,000 births registered, and 0.9 per 1,000 of the inhabitants of the area.

This shews a decrease of 27.0 infantile deaths per 1,000 births registered on the rate for the year 1947.

The neo-natal mortality (the number of deaths during the first month of life) was 27.4 per 1,000-births, and 60 per cent. of the infantile death-rate.

I append a table showing the number of deaths of infants under one year of age, and the infantile death-rate per 1,000 births for the past ten years :—

<i>Year</i>	1939	1940	1941	1942	1943
Number of Deaths	45	31	41	28	27
Death-rate per 1,000 births ...	76.9	53.0	65.0	45.7	46.4
<i>Year</i>	1944	1945	1946	1947	1948
Number of Deaths	33	35	32	48	30
Death-rate per 1,000 births ...	51.9	57.0	50.0	73.0	46.0

STILL BIRTHS.

The number of still-births registered during the year was 26, and is 3.8 per cent. of the total number of births registered.

DEATHS (All Ages).

The number of deaths in the district during the year was 426. This gives a death-rate of 13.4 per 1,000 upon an estimated population of 31,900.

The causes of death in the various age groups were as set out in the following tables :—

STAFF OF PUBLIC HEALTH DEPARTMENT.

The following changes in Staff occurred during the year :—

Dr. MENNA M. PRICE, M.B., B.CH., B.SC., resigned her appointment as Medical Officer of Health on the 30th September, 1948.

Miss MARGARET JAMES and Mrs. OLWEN JONES, were transferred to the Glamorgan County Council under the National Health Service Act, 1946.

Miss M. E. LEEKS, commenced duties as a Health Visitor on the 1st January, 1948, and was transferred to the Glamorgan County Council under the National Health Service Act, 1946.

AMBULANCE FACILITIES.

Prior to the 5th July, 1948, the Ambulance facilities for the District were as set out in previous Annual Reports, but since that date arrangements have to be made through the County Ambulance Service. Telephone No.: Taffs Well 211.

CLINICS AND TREATMENT CENTRES.

Maternity and Child Welfare Centres.

For Duffryn, Darranlas and Miskin Wards—The School Clinic, Aberdare Road, Mountain Ash.

For Penrhiwceiber Ward—Jerusalem Chapel Vestry, Penrhiwceiber Road, Penrhiwceiber.

For Matthewstown and Ynysboeth—The School Clinic, Avondale Street, Ynysboeth, Abercynon.

For Abercynon Ward—The School Clinic, Walter Street, Abercynon.

For Ynysybwll Ward—The School Clinic, Trerobert School, Ynysybwll.

Treatment of all children under 5 years of age is undertaken at the Clinics.

Ante-Natal Clinics.

For Duffryn, Darranlas, Miskin and Penrhiwceiber Wards
—The School Clinic, Aberdare Rd., Mountain Ash.

For Matthewstown and Ynysboeth—The School Clinic,
Avondale Street, Ynysboeth. Abercynon.

For Abercynon—The School Clinic, Walter Street, Abercynon.

For Ynysybwll—School Clinic, Thompson St., Ynysybwll.

Since the 5th July, 1948, all the above-mentioned Clinics have become the responsibility of the Glamorgan County Council, and any information required should be obtained from the Divisional Medical Officer of Health, Divisional Health Offices, Rock Grounds, Aberdare. Telephone No. Aberdare 441.

HOSPITALS.

Mountain Ash and Penrhiwceiber General Hospital.

The arrangements between the Hospital Committee and the Council that children of the area who require a general anaesthetic for dental treatment and treatment for tonsils and adenoids, shall be treated at the Hospital, was continued up to and including the 4th July, 1948. 49 school children and children of pre-school age, were operated upon during that period.

Since the 5th July, 1948, arrangements for treatment of children of all ages have to be made between the Glamorgan County Council and the Hospital Regional Board.

Maternity (Lady Aberdare) Hospital.

The number of patients admitted to the Hospital during the six months ended 4th July, 1948, was 168. The number of patients delivered was 133, of whom 119 were delivered by midwives, and 14 delivered by doctors. Of the patients admitted and delivered, 81 were primiparae, and 52 multiparae.

87 ante-natal cases were treated during the period ended 4th July, 1948.

One infant death occurred during this period, and there were 3 still-births.

Isolation Hospital.

The number of cases admitted and treated during the year was :—

Diphtheria	...	...	...	20
Laryngeal Diphtheria			...	4
Scarlet Fever	...	...	...	62
Erysipelas	...	...	...	2
Measles with Pneumonia			...	1
				<hr/>
				89

There were 4 patients in Hospital on the 31st December, 1947, 89 patients were admitted during the year. 85 were discharged, leaving 8 patients in Hospital on the 31st December, 1948. There were no deaths at the Hospital during the year.

Maternity and Child Welfare

MILK (MOTHERS AND CHILDREN) ORDER, 1919.

The sale of dried milk, virol and colact was continued at the Centres as in previous years, and the value of foods sold up to the 4th July, 1948, at these Centres was £491.

MIDWIFERY SERVICES.

The following named midwives have been appointed as full-time midwives for this area by the Glamorgan County Council, who are the Local Supervising Authority :—

Mrs. MARGARET VALE, 7 Ivor Street, Mountain Ash.

Mrs. B. HEARTH, 10 Miskin Terrace, Mountain Ash.

Mrs. E. R. CORK, Haulfryn, Penybryn Tce., Penrhiwceiber

Mrs. G. A. BLAKE, 4 Walter Street, Abercynon.

Mrs. O. EVANS, 85 Park View, Abercynon.

Mrs. R. WILLIAMS, 6 High Street, Ynysybwll.

Mrs. K. MURPHY, 141 Penrhiwceiber Road,
Penrhiwceiber.

PUBLIC HEALTH ACT, 1936 (Sections 203-204).

I append hereunder the Health Visitors' Reports for the first quarter of 1948 :—

MOUNTAIN ASH DISTRICT (Health Visitor, Miss JAMES)

<i>First Visits</i>			<i>Mountain Ash</i>
First Quarter...	...	...	33
Second Quarter	...	...
Third Quarter	...	...
Fourth Quarter	...	...
Total ...	...	...	33

The children visited for the first time were found to be fed as follows :

<i>Feedings</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Total</i>
Breast Fed ...	16				
Breast Fed & Otherwise ...	6				
Cow's Milk ...	—				
Condensed Milk ...	4				
Patent Food ...	5				
Total ...	31				

On re-visiting the children were found to be fed as follows :

<i>Feedings on Re-visiting</i>	<i>Breast Fed</i>	<i>Breast and Otherwise</i>	<i>Cow's Milk</i>	<i>Con-densed Milk</i>	<i>Patent Foods</i>	<i>All Foods</i>	<i>Deaths</i>	<i>Re-movals</i>	<i>Total</i>
1st Quarter	45	10	31	6	141	101	3	9	346
2nd Quarter									
3rd Quarter									
4th Quarter									
Total ...	45	10	31	6	141	101	3	9	346

Still Births ...	...	...	...	...	...	...	...	2
Pneumonia ...	...	...	...	...	...	...	...	4
Puerperal Pyrexia ...	...	...	...	...	...	...	...	—
Infant Welfare Centre—No. of visits	...	...	...	...	...	...	...	432
No. of Women at Ante-Natal Clinic	...	...	...	...	...	...	...	91
No. of Attendances at Ante-Natal Clinic	...	...	...	...	...	...	...	197
Home visits	...	...	...	...	...	...	...	42

Treatment : Otorrhoea 3 ; Scabies 5 ; Sticky Eye 2 ;
Eczema 1 ; Sores 1.

PENRHIWCEIBER AND YNYSBOETH DISTRICT
(Health Visitor, Miss M. LEEKS).

<i>First Visits</i>	<i>Penrhiwceiber & Ynysboeth</i>
First Quarter	67
Second Quarter	
Third Quarter	
Fourth Quarter	
Total	67

The children visited for the first time were found to be fed as follows :

<i>Feedings</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Total</i>
Breast Fed	36				
Breast Fed & Otherwise	5				
Cow's Milk	—				
Condensed Milk	2				
Patent Food	13				
Total	56				

On re-visiting the children were found to be fed as follows :

<i>Feedings on Re-visiting</i>	<i>Breast Fed</i>	<i>Breast and Otherwise</i>	<i>Cow's Milk</i>	<i>Con-densed Milk</i>	<i>Patent Foods</i>	<i>All Foods</i>	<i>Deaths</i>	<i>Re-movals</i>	<i>Total</i>
1st Quarter	40	5	2	4	20	536	7		614
2nd Quarter									
3rd Quarter									
4th Quarter									
Total ...	40	5	2	4	20	536	7		614

Still Births	...	...	...	...	...	4
Pneumonia	...	...	...	...	...	19
Puerperal Pyrexia	...	...	...	...	...	—
Infant Welfare Centre—No. of Visits	...	...	...	...	...	692
No. of Women at Ante-Natal Clinic	...	...	...	...	...	110
No. of Attendances at Ante-Natal Clinic	...	...	...	...	...	176
Home Visits	...	...	...	...	...	13

Treatments : Umbilicus 16 : Sores 8 : Eyes 4 : Ears 2.

ABERCYNON & YNYSYBWL DISTRICT (Health Visitor, Mrs. O. JONES)

<i>First Visits</i>		<i>Abercynon & Ynysybwł</i>
First Quarter ...	...	65
Second Quarter ...	...
Third Quarter ...	...
Fourth Quarter ...	...
Total ...		65

The children visited for the first time were found to be fed as follows :

<i>Feedings.</i>	<i>First Quarter</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	<i>Total</i>
Breast Fed ...	49				
Breast Fed and Otherwise ...	—				
Cows Milk ...	—				
Condensed Milk ...	—				
Patent Food ...	15				
Total ...	64				

On re-visiting the children were found to be fed as follows :

<i>Feedings on Re-visiting</i>	<i>Breast Fed</i>	<i>Breast and Otherwise</i>	<i>Cow's Milk</i>	<i>Con-densed Milk</i>	<i>Patent Foods</i>	<i>All Foods</i>	<i>Deaths</i>	<i>Re-movals</i>	<i>Total</i>
1st Quarter	81	16			56	304	1		458
2nd Quarter									
3rd Quarter									
4th Quarter									
Total ...	81	16			56	304	1		458

Still Births	...	...	...	...	...	...	1
Pneumonia	...	...	...	...	...	...	1
Puerperal Pyrexia	...	...	...	...	...	...	—
Infant Welfare Centre—No. of visits	...	...	...	...	...	...	618
No. of Women at Ante-Natal Clinic	...	...	...	...	...	...	87
No. of Attendances at Ante-Natal Clinic	...	...	...	...	...	...	181
Home Visits	...	...	...	...	...	...	37

Treatment : Umbilical Dressings 5 : Cut on Forehead 1 :
Eczema 1 : Septic Heals 2.

DENTAL, ORTHOPAEDIC AND OPHTHALMIC TREATMENT.

Arrangements were made with the Glamorgan County Council for Dental, Orthopaedic and Ophthalmic treatment for Maternity and Child Welfare cases in the Mountain Ash area, and the following is a report as submitted by Dr. John Ll. Williams, Divisional Medical Officer of Health.

The period covered by this report is from 1st January, 1948, to 4th July, 1948.

Dental Treatment—

(a) M. & C.W. :—

Appointments kept	...	...	...	157
General Anaesthetic	...	...	...	40
Extractions	...	...	...	271
Fillings	...	...	...	20
Other Forms of Treatment	...	...	...	26
Part upper and lower	...	...	...	—
Part upper or lower	...	...	...	2
Full upper or lower	...	...	...	2
Full upper and lower	...	...	...	6
Other work	...	...	...	45

(b) I. W. C. :—

Appointments kept	...	...	...	19
General Anaesthetic	...	...	...	6
Extractions	...	...	...	14
Fillings	...	...	...	8
Other forms of treatment	...	...	...	4

Orthopaedic Treatment—

Number of appointments kept	...	98
-----------------------------	-----	----

Ophthalmic Treatment—

Number of appointments kept	...	5
Number of glasses prescribed	...	1

Sanitary Circumstances of the Area

WATER SUPPLY.

There was a plentiful and continuous supply of water throughout the year, which was satisfactory in both quantity and quality.

114 samples of water (59 chemical and 55 bacteriological) were taken and sent to the Analyst for examination, his reports proved the treatment to be satisfactory. The analysis disclosed no form of contamination, and no special action, apart from the usual precautions for the safety of water supplies, were taken. The usual precautions are the inspection of the gathering area and chlorination.

Apart from the foregoing, samples of water were taken from the pit head baths at Penrhiwceiber, Deep Duffryn and Lady Windsor Collieries, the results were satisfactory. All the factories in this area are supplied by the Authority.

PLUMBO-SOLVENCY.

The whole of the sources, apart from the Darranlas Gathering Area, are soft, and there is, therefore, a danger of action on lead. All supplies which are soft are treated with chalk to eliminate this danger. All houses in the area have a piped supply of water from the Council's mains, with the exception of outlying farms.

SUMMARY OF THE WORK DONE BY THE SANITARY INSPECTORS.

Houses and premises inspected and re-visited ... 4,092

Number of Notices served under Section 93, Public Health Act, 1936 :—

Informal	...	...	...	...	...	...	673
Statutory	...	...	...	...	...	...	425

General Repairs—

Chimneys and fireplaces	...	...	...	...	251
Roofs	...	...	...	...	351
Eavesgutters and downpipes	...	...	...	...	370
External walls	...	...	...	...	84
Windows and doors	...	...	...	...	204
Internal walls, partitions and ceilings	...	...	...	...	217
Floors	...	...	...	...	96
Yards and steps to garden	...	...	...	...	137
Dry areas provided	...	...	...	...	4
Boundary walls	...	...	...	...	59
Pantries	...	...	...	...	55
Wash-houses and coal-houses	...	...	...	...	26
Dirty premises	...	...	...	...	13
Fowl cots removed	...	...	...	...	8
Keeping of animals (nuisances)	...	...	...	...	1
Accumulations	...	...	...	...	15
Internal staircases	...	...	...	...	22
Skirtings	...	...	...	...	19
Repairs to water services	...	...	...	...	41

Section 39, Public Health Act, 1936—

Number of Notices served	48
--------------------------	-----	-----	-----	-----	----

Drainage—

Renewed and relaid	...	...	...	...	136
Drains tested	...	...	...	...	146
Wash-up sinks provided and repaired	...	...	...	...	9

Section 45, Public Health Act, 1936—

Number of Notices served	239
--------------------------	-----	-----	-----	-----	-----

Sanitary Conveniences—

General repairs	...	...	...	...	228
Cesspools cleansed	...	...	...	...	4
New sanitary conveniences erected	...	...	...	...	9

Factory Act, 1937—

Number of Bakehouses on register	...	...	...	...	12
Number of factories	...	...	...	...	90
Number of visits	...	...	...	...	247
Number of Notices served	...	...	...	...	2

Milk and Dairies Order—

Number of cowsheds on register	...	...	...	...	26
Number of retailers on register	...	...	...	...	26
Number of cowsheds up to standard	...	...	...	...	24
Number of visits	...	...	...	...	124
Number of Notices served	...	...	...	...	2
Number of samples of milk taken	...	...	...	...	71

Fish Fryers—

Number in district	...	...	...	...	...	23
Number of visits	...	...	...	...	...	95
Number of Notices served	...	...	...	...	...	2

Infectious Diseases—

Number of cases visited :—

Scarlet fever	...	...	...	...	...	81
Diphtheria	...	...	...	...	...	24
Cerebro-spinal	...	...	...	...	...	4
Erysipelas	...	...	...	...	...	3
Acute Poliomyelitis	...	...	...	...	...	1

RATS AND MICE DESTRUCTION ACT, 1919. INFESTATION ORDER, 1943.

During the year work on the destruction of rats and mice was continued, dwelling houses and business premises being treated, the cost being borne by the occupiers.

One full-time Rodent Operative was employed, and was assisted by three temporary men during the maintenance treatments of the sewers, which was carried out twice during the year. Details of the work carried out are as follows :—

(1) Number of premises surveyed	...	2866
	<i>Rats</i>	<i>Mice</i>
Number of dwelling houses treated....	11	8
Number of business premises treated	6	...
Number of schools & canteens treated	...	...
Number of refuse tips treated	...	...
Number of watercourses treated	...	...
Number of embankments treated	...	...
Number of piggeries treated	...	...
Number of hospitals treated	...	1
Number of sewer beds treated	...	...

(2) The Gas Works and buildings, Penrhiwceiber, at that time owned by the Local Authority, was treated.

(3) The Local Authority's Salvage Depot, Abercynon, was treated for rats on two occasions.

- (4) The Nantymfedw Housing site and adjacent embankments and river were treated on a number of occasions.
- (5) The portions of the rivers Taff, Cynon and Clydach within the area were treated.
- (6) Lady Windsor Colliery, Ynysybwl, the colliery surface, outbuildings, timber yard, and adjacent river embankments were treated, and the estimated kill in accordance with the Ministry's formula was 375 rats.

The estimated kill of rats throughout the area during the year excluding the sewers, was as follows :—

Mountain Ash	...	1,187
Abercynon	... ..	1,020
Ynysybwl	... ..	810
Total		3,017

Two maintenance treatments of the sewers throughout the area, comprising 597 man-holes, was carried out ; one from 31st May, 1948, to 23rd June, 1948, and the other from 29th November, 1948, to 22nd December, 1948. 265 man-holes showed a prebait take and 37 man-holes showed a complete prebait take on one or both days. As there is no check on the poison take in sewers it is impossible to work out the estimated kill.

All sewer beds were treated at the same time as the sewers. These treatments were carried out in accordance with the recommendations of the Ministry of Food. The bait used was sausage rusk, and the poison zinc phosphide.

Inspection and Supervision of Food

FOOD AND DRUGS ACT, 1938.

Milk and Dairies Regulations, 1926-1943.

All farms and dairies have been inspected periodically.

71 samples of milk (65 taken by the Sanitary Inspectors and 6 taken by the County Sanitary Inspector under Defence Regulation, 55G) were taken during the year and sent to the Laboratory for bacteriological examination and chemical tests.

10 samples (one taken under Defence Regulation 55G) were found to be unsatisfactory. In these cases the dairies were visited and inspected, and, where necessary, advice given with the result that subsequent samples were satisfactory.

12 samples were submitted for examination for tubercle bacilli and were found to be satisfactory.

The Ministry of Agriculture undertook the sampling of milk for keeping quality.

THE MILK (Special Designations) ORDER, 1936 & 1938

Pasteurised milk is the only milk sold under the above mentioned Order in this district. 7 licences were issued during the year to sellers of pasteurised milk, and one licence for use of the special designation " Pasteurised " in relation to milk pasteurised in the area.

All milk supplied to school children at the schools is pasteurised.

19 samples of pasteurised milk and heat treated milk were submitted for bacteriological examination, and two were found to be unsatisfactory.

THE ICE CREAM (Heat Treatment, etc.) REGULATIONS, 1947.

All premises where ice cream is manufactured and sold throughout the area have been inspected regularly.

23 samples of ice cream were taken and submitted for chemical and bacteriological examination with the following results :—

Provisional Grade 1 (Satisfactory) 6	Provisional Grade 2 (Fair) 6	Provisional Grade 3 (Unsatisfactory) 5	Provisional Grade 4 (Very unsatisfactory) 6
---	---------------------------------------	---	--

The producers of the unsatisfactory samples were visited with the result that their samples improved.

INSPECTION OF MEAT AND OTHER FOODS.

Notices of intended slaughtering of 92 cottagers' pigs were received by the Public Health Department, and the carcasses and organs were inspected by the inspectors.

Carcasses Inspected and Condemned.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	—	—	—	—	Not known
Number inspected	—	—	—	—	92
All diseases except Tuberculosis					
Whole carcasses condemned ...	—	—	—	—	Nil
Carcasses of which some part or organ was condemned ...	—	—	—	—	Nil
Percentage of the number inspected affected with disease other than Tuberculosis	—	—	—	—	—
Tuberculosis only.					
Whole carcasses condemned ...	—	—	—	—	—
Carcasses of which some part or organ was condemned ...	—	—	—	—	1
Percentage of the number inspected affected with Tuberculosis ...	—	—	—	—	1.09

The following were found on examination to be unfit for human consumption, were voluntarily surrendered and destroyed :—

				Weight in lbs.
Pork	...	...	...	25
Cheese	...	...	...	45
Jam	...	...	...	77
Dried Fruit	...	...	...	68
Tinned Goods	...	...	...	904
Flour	...	...	...	6
Sugar	...	...	...	8
‡ Butter and Margarine	...	...	...	9½
Tinned Meat	...	...	...	134
† Imported & English Beef	...	...	...	127
* Cereals	...	...	...	141
Dried Egg	...	...	...	5
Bread	...	...	...	9
Sausages	...	...	...	1
‡ Bacon	...	...	...	34½
Sweets	...	...	...	5

‡ Returned to Ministry of Food Agents through trade channels.

† Returned to Distribution Centre of Ministry of Food.

* Returned to Salvage Officer, 140lbs.

Food Poisoning Outbreaks.

Total number of outbreaks	Number of cases	Number of deaths	Organisms or other agents responsible with number of outbreaks of each	Foods involved with number of outbreaks of each
Nil	Nil	Nil	Nil	Nil

SHOPS AND VEHICLES.

All shops where meat is sold and prepared for sale were inspected during the year. Motor lorries and vans used for the transportation and sale of meat were also kept under observation.

W. J. WATTERS,
Senior Sanitary Inspector.

Laboratory Work

CHEMICAL AND BACTERIOLOGICAL EXAMINATION.

Arrangements have been made with the Glamorgan County Council for the chemical and bacteriological examination of specimens from this area at the Cardiff and County Public Health Laboratory, Cardiff.

All medical practitioners in the district have been informed that outfits for the collection and transmission of specimens are always kept at the Public Health Offices.

I append a table showing the nature and number of specimens sent for examination, and the results :—

DISEASE SUSPECTED.	No. of Specimens.	Results.	
		Positive.	Negative.
Diphtheria :			
Throat Swabs ...	... 162	15	147
Nose Swabs ...	... 5	—	5
Eye ...	... 1	—	1
Tuberculosis : Sputum	... 5	—	5
Enteric : Faeces ...	... 1	—	1

Notifiable Diseases

The following tables shew the age and ward distribution of the cases of infectious disease notified during the year under review :—

NOTIFIABLE DISEASES DURING THE YEAR.

<i>Diseases.</i>	<i>Total Cases Notified</i>	<i>Number of Cases recorded on Form 118e (cor- rected figures)</i>	<i>Cases admitted to Hospital</i>	<i>Total Deaths</i>
Scarlet Fever	81	81	62	—
Diphtheria	24	7	24	—
Pneumonia	49	49	—	13
Cerebro-spinal Fever	4	2	4	—
Whooping Cough	46	46	—	—
Measles	441	441	1	1
Erysipelas	3	3	2	—
Acute Poliomyelitis	1	1	1	1
Puerperal Pyrexia	1	1	1	—
Tuberculosis :—				
(a) Pulmonary { Males	21	—	21	5
{ Females	28	—	15	15
{ Total	49	—	36	20
(b) Non- { Males	6	—	7	2
Pulmonary { Females	4	—	1	—
{ Total	10	—	8	2

NOTIFIABLE DISEASES, 1948. Analysis of the Total Cases in Age Groups.

<i>Disease</i>	<i>Under 1 year</i>	<i>1 to 2 years</i>	<i>2 to 3 years</i>	<i>3 to 4 years</i>	<i>4 to 5 years</i>	<i>5 to 10 years</i>	<i>10 to 15 years</i>	<i>15 to 20 years</i>	<i>20 to 35 years</i>	<i>35 to 45 years</i>	<i>45 to 65 years</i>	<i>65 yrs. & over</i>	<i>Total</i>
Scarlet Fever ...	—	2	5	11	9	40	10	1	3	—	—	—	81
Diphtheria ...	—	1	1	2	—	5	7	—	5	2	1	—	24
Pneumonia ...	7	4	5	1	9	7	1	3	1	2	6	3	49
Measles ...	29	50	69	82	70	129	8	2	2	—	—	—	441
Whooping Cough ...	4	7	6	6	10	13	—	—	—	—	—	—	46
Erysipelas... ...	—	—	—	—	—	—	—	—	—	1	1	1	3
Cerebro-Spinal Fever ...	—	—	—	2	—	1	1	—	—	—	—	—	4
Acute Poliomyelitis	—	—	—	—	—	—	—	—	1	—	—	—	1
Puerperal Pyrexia ...	—	—	—	—	—	—	—	—	1	—	—	—	1
TOTAL ...	40	64	86	104	98	195	27	6	13	5	8	4	650

NOTIFIABLE DISEASES, 1948. Number of Cases notified in each Ward.

<i>Disease</i>	<i>Duffryn</i>	<i>Darvan-las</i>	<i>Miskin</i>	<i>Penrhiwceiber</i>	<i>Abercynon</i>	<i>Ynysybwl</i>	<i>Total</i>	<i>No. of Cases removed to Hospital.</i>
Scarlet Fever ...	10	10	2	20	21	18	81	62
Diphtheria ...	1	3	4	9	4	3	24	24
Pneumonia ...	6	2	9	29	3	—	49	—
Measles ...	58	65	55	219	44	—	441	1
Whooping Cough ...	4	15	7	20	—	—	46	—
Erysipelas ...	1	1	—	1	—	—	3	2
Cerebro-Spinal Fever ...	—	2	1	1	—	—	4	4
Acute Poliomyelitis ...	—	—	—	1	—	—	1	1
Puerperal Pyrexia ...	—	—	—	1	—	—	1	1
TOTAL ...	80	98	78	301	72	21	650	95

NOTIFIABLE DISEASES DURING THE YEAR.

DIPHTHERIA IMMUNISATION.

The following number of children were immunised during the six months ended 30th June, 1948: under 5 years of age, 221, and from 5 to 15 years of age, 14. 7 children were given reinforcing injections. This made a total of 242 children treated. Since the 5th July, 1948, this work is now undertaken by the Glamorgan County Council.

ANTITOXIN AND SERUM.

Prior to the 5th July, 1948, a sufficient supply of Diphtheria Antitoxin was kept at the Public Health Offices, and was supplied free of charge to the Medical Practitioners of the area. Since that date, however, no supply is kept at the Public Health Offices, and Medical Practitioners who require Diphtheria Antitoxin should apply to the Matron, Isolation Hospital, Llanwonno Road, Mountain Ash.

DISINFECTION.

The houses of all sufferers from infectious diseases are on the termination of the illness, or when patients are removed to Hospital, disinfected by spraying with liquid disinfectant or fumigated with formaldehyde gas.

REPORT ON TUBERCULOSIS VISITS.

The number of visits paid to persons during the year was,—

First visits ...	...	...	...	21
Re-visits ...	...	...	...	40
Total number of visits	...	...	...	61

The cases visited were,—

Adults :

Pulmonary	...	...	...	45
Non-pulmonary	...	...	...	14

Children of School Age :

Pulmonary	...	...	...	—
Non-Pulmonary	...	...	...	1

Children under School Age,—

Pulmonary	...	...	...	1
Non-pulmonary	...	...	...	—

I append a table shewing the age and ward distribution of all cases notified, and the number treated at the various sanatoria :—

JOHN LL. WILLIAMS,

Medical Officer of Health.

Pulmonary and other Cases of Tuberculosis Notified by Medical Practitioners during 1948.

Ages		W A R D S														TUBERCULOSIS MORTALITY	
		MALES							FEMALES								
		Duffryn	Darranlas	Miskin	Penrhiw-ceiber	Aber-cynon	Ynysybwl	Total	Duffryn	Darranlas	Miskin	Penrhiw-ceiber	Aber-cynon	Ynysybwl	Total	Males	Females
PULMONARY TUBERCULOSIS	Under 1 year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
	1 to 5 years	2	—	—	—	—	—	2	—	—	—	1	—	—	1	—	—
	5 to 10 years	—	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—
	10 to 15 years	—	—	1	—	—	—	1	1	—	2	1	1	—	5	—	—
	15 to 20 years	—	—	—	—	—	—	—	—	1	—	2	—	1	4	—	3
	20 to 25 years	—	1	1	1	—	—	3	1	1	2	1	4	—	9	—	4
	25 to 35 years	—	1	1	1	1	3	7	1	1	2	—	2	1	7	2	4
	35 to 45 years	1	—	—	1	—	1	3	—	—	—	—	—	—	—	1	3
	45 to 55 years	—	—	1	—	—	—	1	1	—	—	—	—	—	1	2	—
	55 to 65 years	—	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—
65 years and over	—	2	—	—	—	—	2	—	—	—	—	—	1	1	—	—	
TOTAL		3	5	5	3	1	4	21	4	3	6	5	7	3	28	5	15
OTHER FORMS OF TUBERCULOSIS	Under 1 year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1 to 5 years	—	—	—	—	—	2	2	—	—	—	—	—	—	—	1	—
	5 to 10 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
	10 to 15 years	—	—	—	—	—	1	1	—	—	1	—	—	—	1	—	—
	15 to 20 years	—	—	—	—	—	—	—	—	1	—	—	—	—	2	—	—
	20 to 25 years	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
	25 to 35 years	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—
	35 to 45 years	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	45 to 55 years	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
	55 to 65 years	—	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—
65 years and over	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTAL		1	1	—	—	1	3	6	—	1	1	1	1	—	4	2	—

Cases Admitted, Treated and Discharged from various Sanatoria and Hospitals during 1948.

Name of Institution	W A R D S													
	MALES.							FEMALES.						
	Duffryn	Darranlas	Miskin	Penrhiw- ceiber	Aber- cynon	Ynysybwl	Total	Duffryn	Darranlas	Miskin	Penrhiw- ceiber	Aber- cynon	Ynysybwl	Total
Sully Hospital	1	—	—	2	3	—	6	—	—	1	—	1	—	2
East Glamorgan Hospital	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Pontsarn Hospital	1	—	—	3	5	—	9	—	—	2	—	4	—	6
Glan Ely Hospital	—	2	—	1	2	2	7	—	—	—	—	1	—	1
Mardy Hospital	—	—	—	—	—	—	—	—	—	—	3	—	—	3
North Wales Sanatorium, Llangwyfan...	—	—	—	—	1	—	1	—	—	—	—	—	2	2
Highland Moors Hospital	—	—	—	1	—	—	1	—	—	—	—	—	—	—
South Wales Sanatorium, Talgarth ...	—	1	—	—	—	1	2	—	—	—	—	—	—	—
Annexe, Chepstow	—	—	—	1	—	1	2	—	—	—	—	—	—	—
Energlyn Sanatorium	—	—	—	—	—	—	—	—	—	—	—	—	1	1
TOTAL	2	3	—	8	11	4	28	—	—	3	4	6	3	16



